

DUMITRIU, D.

"Analysis of the economic activity of collective farms" by Fl. Gilca,
M. Ionita, G. Bostina. Reviewed by D. Dumitriu. Probleme econ 16
no.1:128-132 Ja '68.

DUMITRU, Dumitru, ing.

Underground boring, an efficient and rational method of
geologic exploration. Rev min 13 no.3:117-119 Mr '62.

DUMETRIU, D.

4th Scientific-Methodological Meeting of the Representatives
of the Institutes for Research in the Field of Agrarian
Economy of Socialist Countries. Probleme econ 15 no.8:160-162
Ag '62.

DUMITRIU, E.

RUMANIA/Diseases in Farm Animals. Diseases Caused by Viruses
and Rickettsiae.

R

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21608.

Author : Surdan, C., Cure, C., Wegener, M., Dumitriu, E.
Inst : Academy of the Peoples Republic of Rumania.
Title : Epizootiological Study of the Infectious Encephalo-
myelitis Outbreak Among Silver Foxes.

Orig Pub: Studii si cercetari inframicrobiol., microbiol. si
parazitol. Acad. RPR, 1956, 7, No 1-2, 101-110.

Abstract: The outbreak of infectious encephalomyelitis in
foxes caused an extensive epizooty among the animals,
especially among the young ones in the age group of
1-3 months. Vectors and distributors of the infection
were probably adult foxes who have recovered from the
disease. A virus was extracted from one of the sick

Card : 1/2

ROMANIA/Diseases in Farm Animals. Diseases Caused by Viruses and Rickettsiae. R

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21608.

foxes after his death. By means of serial subarachnoidal inoculations of the extracted virus to dogs (15 to 45 day old puppies), it was possible to adapt it to their nervous system. After 6 subinoculations, infection and death were caused by the inoculations in 100 percent of the puppies. The clinical and pathologic-anatomical characteristics of the process described above correspond to the characteristics of infectious hepatitis in dogs which have been described by Rubart.

Card : 2/2

12

DUMITRIU, E.

RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses R
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40656.

Author : Surdan, C., Cure, C., Wegener, M., Dumitriu, E.,
Elefterescu, A., Lozinschi, A.

Inst : People's Republic of Rumania Academy of Sciences.

Title : Epizootologic, Clinical, Pananatomic and Experimental
Aueski Disease Data.

Orig Pub: Studii i cercetari inframicrobiol., microbiol. i parazitol.
Acad. RFR, 1956, 7, No 3-4, 355-402.

Abstract: The authors have established the fact that the epizooty
process of the Aueski disease in dogs and cats of Buca-
rest was caused by raw pork used as food constituting
the source of the disease. When experimental animals
were inoculated with the ground lung tissue obtained

Card : 1/3

ROMANIA/Diseases of Farm Animals. Diseases Caused by Viruses
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40656.

from just slaughtered healthy pigs, 71.4 percent of them fell sick and secreted viruses. When two strains of the Aueski virus were used in intracerebral inoculations of mice, they caused the animals to become sick (encephalitic syndrome and itch), beginning with the third subinoculation 6 hours after incubation, and after 8 to 16 hours, death of the animals followed. Hematological examination revealed that the afflicted animals are perpetually suffering from leucocytosis. The leucocytic formula was characterized by neutrophilia (88.8 to 92.8 percent), lymphopenia (4.7 to 8.2 percent), eosinophilia and basophilia, as well as the presence of plasmocytic type cells and changes of the polynuclears and

Card : 2/3

33

RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses R
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 00656.

of the monocytes. The following changes were predominant in the pathological and anatomical changes of the sick animals: hemorrhagic diathesis, hepatitis, acute nephritis, myocarditis, nonpurulent lesions of the meninges and of the brain, degenerative cytonuclear lesions of the sympathetic modules with Hurst's intranuclear inclusion as well as neurophagic processes.

Card : 3/3

RUMANIA/Human and Animal Morphology- Normal and Pathological. S
Anomalies of Development and Pathological Anatomy

Abs Jour : Ref Zhur Biol., No 11, 1958, 50437

Author : Surdan, C., Dumitriu, E., Cure, C., Wegener, M.

Inst : -

Title : Anatomicopathological Study of Foxes and Dogs Experimentally or Naturally Infected by the Virus of Encephalomyelitis of Foxes.

Orig Pub : Studii si cercetari inframicrobiol., microbiol. si parazitol., 1957, 8, No 1, 71-84

Abstract : In 18 cadavers of dark brown foxes the following were found: general hemorrhagic diathesis, hepatitis, cholecystitis, enlargement of the spleen, gastrointestinal catarrh and, histologically, lesions of degenerative reticuloendotheliosis, degenerative changes of the liver, kidneys and adrenals, leptomeningitis, diffuse cortical encephalitis, generalized chromatolysis and dystrophic

Card 1/2

- 54 -

~~DUMITRIU, E.~~

SURDAN, O.; CURN, O.; WEGNER, M.; DUMITRIU, E.

Study of immunisation in inframicrobial infectious fox encephalomyelitis.
Stud. cercet. inframicrobiol., Bucur. 8 no.3:323-334 1957.

1. Lucrare efectuata in cadrul Institutului de Inframicrobiologie al
Academiei R.P.R. si al Clinicii de boli contagioase a Facultatii de
medicina veterinara, Bucuresti.

(ENCEPHALOMYELITIS, EQUINE, immunology

fox epidemic encephalomyelitis, immunising vaccine, exper.
study)

(VACCINES AND VACCINATION

fox epidemic encephalomyelitis vaccine, exper. study of
immun. capacity)

RUMANIA/Virology - Viruses of Man and Animals, Viruses of Hepatitis. E

Abs Jour : Ref Zhur Biol., No 6, 1959, 23869

Author : Surdan, C., Cure, C., Dumitriu-Carol, E.

Inst : -

Title : Investigations of the Virus of Infectious Hepatitis of Dogs.

Orig Pub : Studii si cercetari inframicrobiol., microbiol. si parazitol., 1957, 8, No 4, 527-538

Abstract : The viruses of infectious hepatitis of dogs and infectious encephalomyelitis of foxes are not pathogenic for cats, pigs, horses, sheep, guinea pigs, white rats and mice, golden hamsters, and chicks (young ones). In freezing to - 15°, the viruses preserve virulence for up to 165 days. Lyophilized virus of encephalomyelitis of foxes is preserved for 14 month. Suspensions (20%) of virus-containing organs of dogs and foxes, treated with a 5% solution of carbolic acid under a temperature of 40,

Card 1/2

- 27 -

RUMANIA/Virology - Viruses of Man and Animals. Viruses of
Hepatitis.

E

Abs Jour : Ref Zhur Biol., No 6, 1959, 23869

preserve their virulence after 23 days. The virus of
the hepatitis of dogs may be transmitted through glyce-
rine-carbolic antirabic vaccine, if it is prepared from
an antigenic mass from dogs sick with hepatitis. --
Author's resume

Card 2/2

SURDAN, O.; CURE, C.; DUMITRIU, M.; WEGENER, M.

Investigations concerning the relationship of silver fox virus encephalitis to infectious canine hepatitis of Embarth. Acta virol. Engl. Ed., Praha 3 no.2:115-124 Apr 59.

1. Institute of Virology, Academy of the Rumanian People's Republic, and Infectious diseases clinics, Veterinary Faculty, Bucharest.

(ENCEPHALITIS, pathology,

relation of silver fox virus encephalitis to infect. canine hepatitis)

(HEPATITIS, INFECTIOUS, pathology

relation of infect. canine hepatitis to silver fox virus encephalitis)

SURDAN, G.; DUMITRIU, B.; CURE, C.

Research on the culture of the virus of canine contagious hepatitis on chick embryo. Stud. cercet inframicrobiol., Bucur. 10 no.2:143-153 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 24 martie 1958.
(VIRUSES, culture)

SURDAN, C.; PETRESCO, A.; ANGELESCO, N.; DUMITRIU, E.

A histopathological study of the nervous form of Carre's
disease. Rev. sci. med. 5 no.3/4:241-244 '60.

(DISTEMPER pathology)

(CENTRAL NERVOUS SYSTEM pathology)

(NEUROLOGIC MANIFESTATIONS)

SURDAN, C.; DUMITRIU-CAROL, E.; CUREA, C.; ANONIMESCU, N.

Contribution to the study of neuro-paralytic complications after
anti-rabies vaccination in dogs. Stud. cercet. inframicrobiol.,
Bucur. 11 no.2:273-286 '60.
(VACCINATION compl.)
(RABIES immunol.)

ROMANIA

HERMAN, Gh.; CIULEI, I.; MARIN, M.; DÔ-TÂT-LÔY; HADARAG, Elena;
DUMITRIU-CAROL, Emilia; BALACI, P.

Bucharest, Farmacia, No 5, May 1963, pp 271-283

"Contributions to the Study of Gekko Gecko L. Extract."

7

GEORGESCU, A.; CIOBANU, V.; VULPESCU, Sofia; VASILIU, I.; ~~DUMITRIU, Y.~~
BUJAR, H.; PIRVU, Victoria

The radiological study of the osteoarticular lesions in
chronic evolutive polyarthritia. Contribution to the
radiological diagnosis of incipient lessions. Stud cercet
med intern 4 no.3:327-341 '63.

(ARTHRITIS, RHEUMATOID)

GEORGESCU, A.; RUNCAN, V.; VULPESCU, Sofia; MARCUS, N.; PAPPO, A.;
DUMITRIU, L.; BUJAR, H.

Research on portal circulation in chronic hepatitis. III.
Splencanometric and splenoportographic study. Stud. cercet.
med. intern. 4 no.4:515-523 '63.

(HEPATITIS) (LIVER CIRCULATION)
(SPLENOMEGALY) (LIVER CIRRHOSIS)
(HYPERTENSION, PORTAL)
(SPLENOPORTOGRAPHY) (MANOMETRY)

DUMITRIU, Mircea; DUMITRIU, Christina

Paleocene sedimentary cartogram of the Persani Mountains (Virghis Valley, the Olt Pass, the Maerus Valley). Studii cerc geol 7 no.3/4: 445-454 '62.

DUMITRIU, Mircea; DUMITRIU, Cristina

Note on the imbrication of the Brebu conglomerates. Studii cerc
geol 9 no.1:155-158 '64

Contributions to the geology of the Persani Mountains (Comana-
Caciulata-Lupsa region). Studii cerc geol 9 no.1:169-174 '64

1. Enterprise of Prospecting and Laboratories, Geological Committee.

DUMITRIU, Mircea

Area sources of some Paleogene sediments in the Eastern Carpathians.
Studii cerc geol 9 no.1:181-186 '64.

1. Enterprise of Prospecting and Laboratories, Geological Committee.

MEOS, A.I.; VISHNYAKOVA, M.M.; DUMITRIU, M.

Effect of modifiers on the formation of the supermolecular
structure of viscose fibers. Khim. volok. no.2:43-48 '64.
(MIRA 17:5)

1. LITLP im. S.M. Kirova.

DUMITRIU, Nicolae, ing.

Utilization of abrasive disks under conditions of work
safety. Industria usoara 10 no.7:304-306 J1 '63.

DUMITRU, Ene P., absolvent (Floiesti)

Solved problems; problem 4589. Gas mat B 13 no.3:161 Mr '62.

DUMITRIU, L.

Organised exploitation of Chinese railroads, p. 644.

REVISTA CAILOR FERATE. (Caila Ferate Romine) Bucurestic, Rumania.
Vol. 6, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

GEORGESCU, A.; VULPESCU, Sonia; PETRESCU, M.; GEIB, R.; GROZEA, P.;
DUMITRIU, L.

Unusual radiological aspects of malignant reticulosis. (Pulmonary
localizations of malignant lymphogranulomatosis). Stud. cercet.
med. intern. 2 no.3:341-349 '61.

(LUNG NEOPLASMS radiography) (HODGKIN'S DISEASE radiography)

GEORGESCU, Amilcar; VULPESCU, Sonia; CIOBANU, V.; DUMITRIU, L.; GRANCEA, Alexandra; BUJAR, H.

Considerations on the radiodiagnosis and x-ray therapy of periarthritis of the shoulder. Stud. cercet. med. intern. 2 no.4:489-497 '61.

(PERIARTHRTIS radiography) (SHOULDER diseases)
(RADIOTHERAPY)

DUMITRIU, Nicolae, ing.

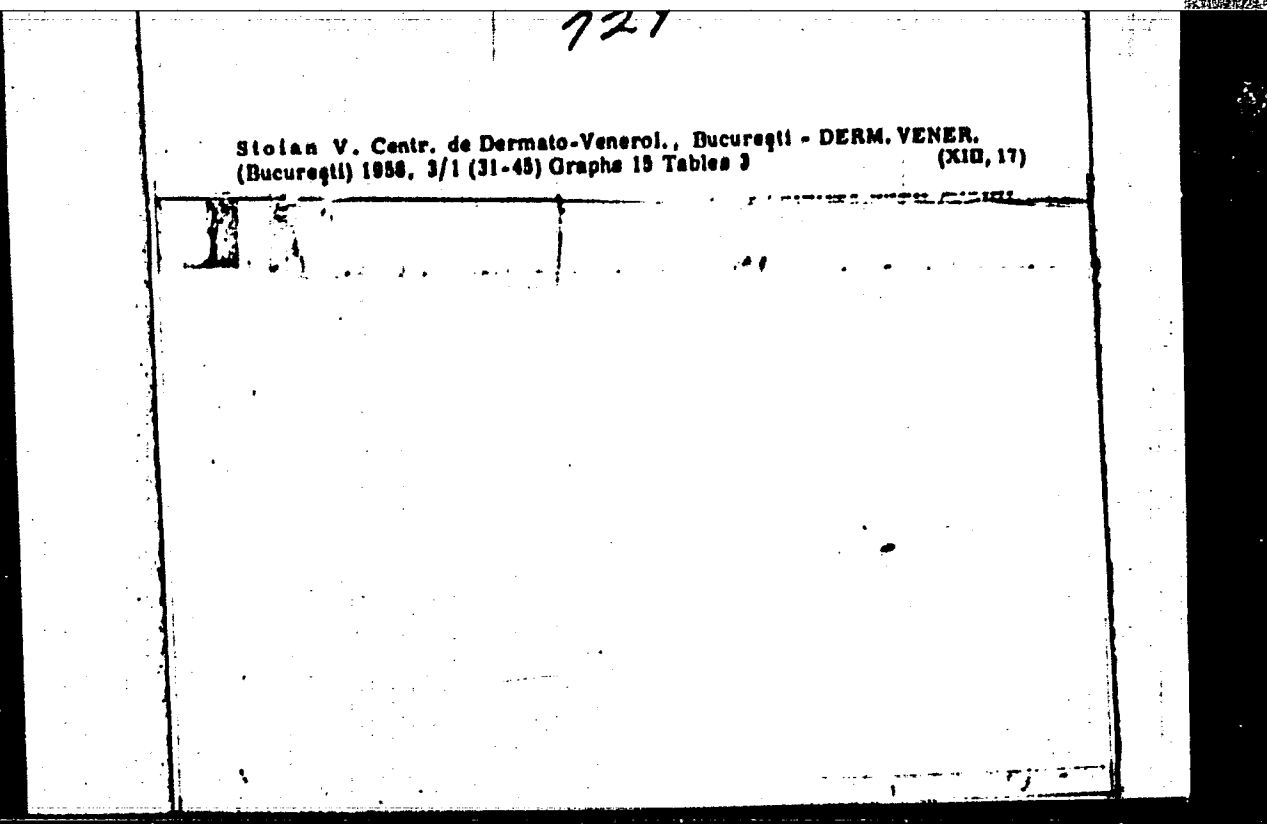
Automatic weighing and feeding of the presses for refractory bricks.
Metalurgia constr mas 8 no.11:1010-1011 N '61.

(Pressed bricks) (Refractory materials)

DUMITRIU R.

EXCERPTA MEDICA Sec 13 Vol 13/2 Dermatology Feb 59

728. CONTRIBUTIONS TO THE STUDY OF SYPHILIS EPIDEMIOLOGY. THE
PROBLEM OF DETECTION - Contribuții la studiul epidemiologiei
sifilisului. Problema depistării - Dumitriu R., Mincu A. and



Dumitriu, St.

FRANCHE, Maria, Conf.; VITA, A., dr.; MICU, I., dr.; DUMITRIU, St., dr.;
SECU, A., dr.

Cortisone therapy of epidemic hepatitis. Med. int., Bucur. 9 no.4:
536-543 Apr 57.

1. Lucrare efectuată în Clinica de boli contagioase-Iasi.
(HEPATITIS, INFECTIOUS, therapy
cortisone)
(CORTISONE, ther. use
hepatitis, infect.)

BENETATO, Gr.; HAULICA, I.; NESTIANU, V.; BUBULIANU, E.; GARDEV, M.;
GHIZARI, E.; DUMITRIU, S.

Investigation of the relationship between cortical electric activity
and cerebral metabolism. Rev. sci. med. 7 no.1/2:13-22 '62.

1. Member of the Academy of the R.P.R. (for Benetato).
(CEREBRAL CORTEX) (GLUTAMINE) (BRAIN)

FRANCHE, Maria; MICU, I.; BALTIEV, Ariadna; DUMITRIU, St.; FELLER, H.;
APOSTOL, A.; BRAUNER, E.; CONSTANTINESCU, N.; ZAVATE, Olga;
DOGARU, Maria; NICA, V.

Research on recurrences of exanthematous typhus. II. Comparative
clinical aspects of typhus recurrences and primary infections.
Stud. cercet. infamicrobiol. 15: no. 3: 211-224 '64.

FRANCHE, L.; VITA, Al.; BESLEAGA, E.; APOSTOL, A.; BALTIEV, Ariadna; BATCU, A.
BLINDU, P.; BLUM, Miria [deceased]; BRAUNER, E.; CUCIUREANU, Georgeta;
DUMITRIU, St.; FELLER, H.; MICO, I.; MIHUL, Valentina; OVANESCO, A.;
PAPP, E.; RADULESCO, Al.

Contributions concerning allergic complications of scarlatina
within the scope of data obtained by current research. Arch.
roum. path. exp. microbiol. 22 no.4:909-918 S-D'63

1. Travail de l'Institut Medico-Pharmaceutique, Jassy, et de
l'Hopital des Maladies Contagieuses de Jassy.

DUMITRIU-TATARANU, I. And COSTEA, C.

"A valuable forest tree, Pinus Cembra L.; possibilities of cultivation", p. 3,
(REVISTA PADURILOR, Vol. 67, no. 11, Nov. 1952, Bucuresti)

SO: Monthly List of East European Accession, Vol. 2, no. 8, Library of Congress,
August 1953, Uncl.

DUHITRIU-TATARANU, I.

"New places for the propagation of Fraxinus holotricha Kohn and Quercus pedunculiflora K. Koch." p. 44. (REVISTA PADURILOR, Vol. 68, no. 12, Dec. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

DUMITRIU-TATARANU, I.

"Marginal notes on some publications". p. 188, (REVISTA PADURILOR, Vol. 69, No. 4, Apr. 1954, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, (KEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

DUMITRIU-TATARANU, I.

"Contributions to experiences in propagating some ligneous species in
Rumania. p. 429. (REVISTA PADURILOR, Vol. 69, no. 9, Sept. 1954.
Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC.
Vol. 4, No. 5, May 1955. Uncl.

DUMITRIU-TATARANU, I.

*Occurrence and propagation of the downy and grey oaks as well as some rare ligneous plants in the woods of the forest district of Husi. p. 534.
(REVISTA PADURILOR, Vol. 69, no. 12, Dec. 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), IC.
Vol. 4, No. 5, May 1955. Uhol.

DUMITRIU-TATARANU, I.

Advanced concepts of forest biology in discussions of silviculturists in the past. p. 574. REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70, no. 12, Dec. 1955.

So. East European Accessions List

Vol. 5, No. 8

August, 1956

DUMITRIU-TATARANU, I.

Dumitriu-Tataranu, I. - Materials for geobotanical study of the island with forest
steppes at the confluence of the Tazlau and Trotus. p.243.

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11
November 1955, Uncl.

DUMITRIU-TATARANU, I.

New hybrid in the Quercus genus. p. 449. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 6, no. 3, Mar. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress.
Vol. 5, no. 9, Sept. 1955

DUMITREU-TATARANU, I.

Dendrologic novelties in the Dobruja flora, x Quercus getica Morariu and
x Quercus budensis Borb. p. 180.

REVISTA PADURILOR

Vol. 70, no. 3, May 1956

Romania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

USIYEVICH, M.A., kand. ekon. nauk; VIDMAR, V.N., kand. ekon. nauk;
 STUPOV, A.D., kand. sel'khoz. nauk; STARODUBROVSKAYA, V.N.,
 kand. ekon. nauk; STOROZHEV, V.I., kand. ist. nauk; RUDAKOV,
 Ye.V., kand. ekon. nauk; KIRANOV, P., prof.; KHORVAT, L.
 [Horvat, L.], kand. ekon. nauk; KROMM, K., doktor; FRUKK, Kh.
 [Frukk, H.], doktor; SHMIDT, V. [Schmidt, V.], prof., doktor;
 TEPIKHT, Ye. [Tepicht, E.], prof.; NIK, S. [Nic, S.], kand.
 ekon. nauk; DUMITRIY, D. [Dumitro, D.]; SVOBODA, K., kand.
 ekon. nauk; LEFNIKOVA, Ye., red.; KIRSANOVA, I., mladshiy red.;
 NOGINA, N., tekhn. red.

[Socialist reorganizations in the agriculture of the European
 people's democracies] Sotsialisticheskie preobrazovaniya v sel'-
 skom khosiaistve evropeiskikh stran narodnoi demokratii. Moskva,
 Sotsekgiz, 1963. 334 p. (MIRA 16:7)

1. Akademiya nauk SSSR. Institut ekonomiki mirovoy sotsialisti-
 cheskoy sistemy. 2. Institut ekonomiki mirovoy sotsialistich-
 skoy sistemy AN SSSR (for Usiyevich, Vidmar, Stupov,
 Starodubrovskaya, Storozhev, Rudakov).
 (Europe, Eastern—Agriculture, Cooperative)

DUMITROV, YE.
DUMITROW, E.; WLADYMIROW, K.

"From the Notebook of an Instructor of Airplane Modeling", (To be contd.)
p. 811, (SKRZYDLATA POLSKA, Vol. 10, No. 51, Dec. 1954, Warszawa, Poland)

SO: Monthly Lists of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

DMITRU, Ana

Court council, important means in socialist education. Munca
sindio 6 no.4:54-57 Ap '62.

1. Presedinte al comitetului sindicatului Fabricii de Confectii
si Tricotaje, Bucuresti.

~~DEMITRU, Ada~~

On the base of the evidence, real support is given to the participants in competition. Munca sindic 7 no.11:17-20 N '63.

1. Presedintele comitetului sindicatului de la Fabrica de confectii si tricotate, Bucuresti.

DUMITRU, A.

Starting with the obligation. Munca sindic 7 no.9:6-9
S '63.

1. Secretar al comitetului sindicatului Fabrica de rulmenti,
Birlad.

BIRZAN, Romanel, ing. (Cluj); DUMITRU, Acu (Nasaud); SANDULACHE, C., prof. (Negresti Iasi); SAVULESCU, Benone (Buzau); IONESCU-TIU, C.; PIRSAN, Liviu; PRAVAT, V.V. (Iasi); SACTER, O.; POPA, Eugen (Iasi); ZAMFIRSCU, Tudor; VOICULESCU, Den (Bucuresti); BENJANCU, Aurel; BARAS, Robert (Botosani); IARCHY, Tatiana, profesoara (Bucuresti); HADIRCA, I. (Breaza); JORA, S. Boris (Babadag); ROMAN, T.; COSTACHESCU, C.V. (Constanta)

Proposed problems. Gaz mat B 15 no.2:80-85 F '64.

LATCU, D., prof. (Hunedoara); PETRESCU, N., prof. (Tg. Carbunesti); CERCHEZ, Mihai; ZENEMBISI, I., prof. (P. Neamt); TEODORESCU, Voltaire (P. Neamt); IONESCU-TIU, C.; TOMESCU, Ion (Bucaresti); DUMITREASA, Gh. (P. Neamt); MIHAILESCU, D., prof. (Pitesti); DUMITRU, Acu (Cluj); LEONTE, Alexandru (Bucaresti); ANGHELACHE, Tudorica (Bucaresti); POPA, Al. (Pucioasa); BRINZANESCU, V. (Bucaresti); LUSTIG, Gh. (Bucaresti); ISAC, E. (Tg. Jiu); LEVIN, Alexandru (Tallin, U.S.S.R.); SIMION, A. (Bacau); AVADANEI, Cornelia (P. Neamt); SIMIONESCU, Gh.D.; FLONDOR, Elena, (Bucuresti)

Proposed problems in mathematics. Gaz. mat B 15 no.4:172-177
Ap '64.

CASANDROIU, Tudor (Bucuresti); STANCIU, A., prof. (Braila); IONESCU-TIU, C.;
VOICULESCU, Dan (Bucuresti); SIMIONESCU, Gh. D.; STRATESCU, Ion
(Bucuresti); HEPLING, C. (Bucuresti); PIRSAU, Liviu (Bucuresti);
TOMESCU, Ioan (Bucuresti); GRIGORESCU, Serban, I.; LIVIU, Petre, prof.
(Tirgoviste); DANCILA, Ion (Sibiu); DUMITRU, Acu (Cluj); POPA, E.
(Iasi); SANDULACHE, C., prof. (Negresti, Iasi); TUDOR, C.N. (Bucuresti)

Proposed problems. Gaz mat B 16 no.3:129-133 Hr '65.

DIMITRIU, C.

"The council of the machine-tractor station analyzes; from the work experience of machine-tractor stations."

p. 18 (Drumul Belsugului) No. 5, May 1957
Bucharest Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DUMITRU, C.

"The socialist sector of agriculture grows."

p. 2 (Drumul Belsugului) No. 9, Sept. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958

"At the threshold of complete collectivization of agriculture."

p. 3 (Drumul Belsugului) No. 9, Sept. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DUMITRU, Capricorn, Prof. Dr.; MEHYASZ, Emil, Dr.; KESSE, Gyorgy, Dr.; PANNA,
Emilian, Dr.

Report on the genital tuberculosis cases of the Gynecological Clinic
of Kolozsvár (Cluj) with special regard to diagnostic and therapeutic
methods. Magy. nőorv. lap. 21 no.3:125-130 June 58.

(TUBERCULOSIS, FEMALE GENITAL
diag. & ther. (Run))

DUMITRU, D.

TECHNOLOGY

PERIODICAL: REVISTA TRANSPORTURILOR, Vol. 5, no. 12, 1958 Dec.

Dumitru, d. Current methods of computing the amortisation of basic means of exploitation in the field of road and sea transport. Pt. 1 (to be continued)
p. 541

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass

DUMITRU, D.

Current methods of computing the amortization of the basic means of exploitation in the field of road and sea transport. Pt. 2. p. 13.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

Dumitru, D.

Possibilities of reducing the duration of inactivity of ships under repair and the naval repair costs. p. 142

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti. Vo. 6, No. 4, Apr. 59

Monthly list of East European Accessions (EEAI) LC^{vol. 8} No. 8, Aug. 1959

Uncl.

DUMITRU, D., ing

The Turda Chemical Plant. St si Teh Buc 17 no.3:22-23 Mr '65.

DUMITRU, D., ing.

Critical considerations on the core barrels used in exploration
drilling with coring outfits. Rev min 14 no.6:247-251 Je '63.

DUMITHU, D., ing.

Utilization of the turbine of small diameter in exploration
drilling with core drill outfit machines. Rev min 14 no.7:
299-303 J1 '63.

DUMITRU, D., ing.

At the oil factory in Oradea. St si Teh Buc 16 no. 1:
36-37 Ja '64.

DUMITRU, D., ing.

The 1 Mai Plant. St si Teh Buo 16 no.4:42-43 Ap '64.

DUMITRU, D., ing.

Improving the control methods of the activity of the
Rumanian harbors. Rev transport 8 no. 7:285-287 J1 '61.

DUMITRU, D., Ing.

One and one-tenth million tons annually. St. al. Teh. Buc. 16 no. 12;
18-19 D 164.

DRAGUSIN, I.; DUMITRU, E.

Rapid method of analysis of copper chromite. Rev chimie Min
petr 13 no.12:757-758 D '62.

1. Lucrare efectuata la Combinatul chimic, Borzesti, in luna
februarie 1962.

DIMITRU, Elena, ing.; BARDAUNE, Nicolae, ing.; ANASTASATU, Ion, ing.

The planning engineer, Boris Stamatov. Constr Buc 16 nr. 757:3
11 July '64.

SIMON, A., dr. [deceased]; DUMITRU, Elena, dr.; POPA, N., dr.

Observations on a case of congenital lymphedema. *Pediatrics*
(Bucur.) 13 no.6:551-557 N-D '64

1. Lucrare efectuata in Spitalul de copii din Brasov.

BARBULESCU, C.; DUMITRU, G.

"Watching and rate setting of consumption and stocks of goods"
by B. Herscovici, V. Chiriac. Reviewed by C. Barbulescu, G.
Dumitru. Probleme econ 15 no.6:142-146 Jo '62.

DUMITRU, G., ing.

Vuia steam boilers made in Rumania. St si Teh Buc 14, no.5:6-7
My '62

66. D.M. 194

7

Electrochemical methods for the preparation of benzidine
 I. Atanasiu and Gh. Dumitru. Rev. chim. (Bucharest)
 9, 129-33(1958)(English summary).--A crit. review of
 several reduction processes for the electrochem. prepn. of
 benzidine (I) is given. Satisfactory results were obtained
 by using a 2-stage reduction in a diaphragm cell, consisting
 of an iron container as the anode, a rotating Fe cathode, and
 a porous porcelain diaphragm. In the first stage, I was
 reduced to azoxybenzene at a c.d. of 10 amp./sq. dm.,
 which was then reduced to hydrazobenzene (stage II) at
 2.5 amp./sq. dm. Phase I was considered complete when
 the theoretical no. of coulombs for 100% reduction was
 passed. Both phases were run at 70°, a soln. contg. 120 g.
 NaOH/l. being used as the anolyte and a 3% NaOH soln.
 as the catholyte. PbO was added in phase II. The un-
 reacted and side-products were readily sol. in kerosine (and
 Pb(NO₂)), and were recycled. The current efficiency at
 300 r.p.m. was 92%. The over-all yield of I after rearrange-
 ment was 88%. Gary Gershen

3
 2-May

GHIULAI, Constantin, ing.; DUMITRU, Gheorghe, ing.; GROZA, Alexandru, ing.;
GHIULAI, Mihai, ing.; NEGRUS, Eugen, ing.

Criteria for determining the periodicity of car maintenance
operations. Rev transport 11 no.9:381-386 S '64.

CASETTI, M. dr.; DASCALU, Maria, dr.; OSTAP, B. dr.; SMILOVICI, S., dr.;
PREDA, L. chim.; DUMITRIU, I., dr.; MUNTEANU, Elena, dr.

Clinical value of the quantitative study of bile sediment
collected at intervals of a minute. Med. intern. (Bucur.)
16 no.7:819-826 J1'64.

1. Lucrare efectuată în Clinica a IV-a medicală, Iasi (directori: conf. N. Goldenberg).

VERNESCU, Al.; RUSU, D.; LANGA, F.; DUMITRU, I.

Secondary recovery of crude oil from the Ochiuri Drader
sand by gas injection. Petrol si gaze 15 no. 6:277-280
Je '64.

BUMITRU, I.

Development of the Rumanian oil industry during the years of
the people's regime. Petrol si gaze 15 no.8:379-380 Ag'64

1. Deputy Minister, Ministry of the Petroleum and Chemical
Industry.

JUNCO, V., ing.; DUMITRU, I., ing.

Aspects and achievement after August 23, 1944 at the Teleajen
Oil Distillery. Petrol st gave 15 no. 8:442-445 Ag'64

DUMITRU, ION.

AID P - 3047

Subject : USSR/Mining
Card 1/1 Pub. 78 - 1/20
Author : Dumitru, Ion, Minister of the Petroleum Industry of
the Rumanian People's Republic
Title : Development of the Petroleum Industry of the
Rumanian People's Republic
Periodical : Neft. khoz., v. 33, no. 8, 1-7, Ag 1955
Abstract : Report on the development of Rumanian petrol
industry under the management of the People's
Republic.
Institution : None
Submitted : No date

DUMITRU, I.

Assignments of the petroleum industry in the second Five-Year Plan.

p. 1. TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor)

Bucuresti. Vol. 3, No. 33, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

DUMITRU, I.

Tasks of the petroleum industry in the second Five-Year Plan. p. 4.

PETROL SI GAZE. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Industriei Petrolului) Bucuresti. Vol. 6 (i. e. 7)
no. 1, Jan. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1955

DUMITRU, I.

TECHNOLOGY

Periodicals: PETROL SI GAZE. Vol. 9, no. 10, Oct. 1958

DUMITRU, I. The methodology of calculating labor productivity in planning primary and secondary oil-field exploitation. p. 169

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

DUMITRU, I.

Some considerations on the economic aspect of secondary recoveries. p.229.

PETROL SI GAZE. (Asociatia Stinitifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Industrii Petrolului si Chimiei) Bucuresti, Romania.
Vol. 10, no. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Jan 1960

Uncl.

DUMITRU. I.

Scientific Association of Engineers and Technicians of Rumania is contributing to the development of the petroleum industry of our country. p.280

PETROL SI GAZE. (Asociatia Stiintificia a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului si Chimiei) Bucuresti, Rumania
Vol. 10, no. 7, July 1959

Has

Monthly list of East European Accessions (EFAI) LC Vol.9, no.2 Feb. 1960

Uncl.

R/009/60/000/011/001/007
A231/A126

AUTHOR: Dumitru, Ilie, Engineer

TITLE: Experiences in the die casting of nonferrous metals

PERIODICAL: Metalurgia și Construcția de Mașini, no. 11, 1960, 959 - 970

TEXT: The article presents a number of technical indications and examples on die casting. The following six alloy categories are chiefly used: 1) alloys on lead basis; 2) on tin basis; 3) on zinc basis; 4) on aluminum basis; 5) on magnesium basis; and 6) on copper basis. All these alloys have a low brittleness in hot condition and sufficient fluidity to fill the mold completely. To obtain pieces of good quality, the liquid metal has to be free of gases and oxides, and it should not be overheated. The author gives some indications regarding the die casting process of nonferrous metals: 1) Melting. 2) Deoxidation of the metal bath: a) Zn alloys are deoxidized by adding 0.1% of ammonium chloride salt to the molten metal; b) Al alloys are deoxidized with dehydrated $ZnCl_2$; c) Cu alloys are deoxidized with 0.1% phosphorous copper. 3) Fuels: a) Zn alloys are melted with gas or electric current; b) Al and Cu alloys are melted with diesel oil of methane gas. 4) Ladles: a) cast-iron ladles are used for Zn al-

and 1/5

Experiences in the die casting of nonferrous metals

R/009/60/000/011/001/007
A231/A126

loys and b) graphite ladles for Al and Cu alloys. 5) Indication on the exploitation: before the casting operation the dies have to be heated by a gas flame to 200, 250 and 300 - 350°C in case of Zn, Al and Cu alloys, respectively. The dies have to be lubricated either with oil, as in case of Zn alloys, or with an oil-graphite mixture, as in case of Al and Cu alloys. For castings of Cu alloys, the Zn deposition on the dies can be removed by adding after approximately 30 castings a 10% solution of $K_4FeCN_6 + 3H_2O$ to the charging chamber. A 5% solution of soluble oils is added to the water of the compression pump. The dies have to be cleaned before every casting operation. Depending on the complexity of the cast piece, a die consists of 20 - 80 active or auxiliary and fastening parts. The number of pieces cast during a single process depends on the size of the piece and the die casting machine, ranging between 1 - 12. Table 13 compiles the casting inclination for pieces with a wall-thickness ranging between 2 and 6 mm. Table 14 compiles the permissible deviations in size of the cast pieces. Table 15 compiles the most frequently used steels for dies. When using Zn and Al alloys and in case of thick-walled pieces, the dies have to be provided with cooling channels. A die should be designed for the production of 10,000 - 15,000 complex pieces or 30,000 - 40,000 simple pieces. There are 15 tables, 6 photos, 9 figures and 2 Soviet-bloc references.

Card 2/5

DUMITRU, I.P.

Biochemistry of the brain. I. Studii cerc biochimie 5 no.3:435-446
'62.

1. Laboratorul de chimie biologica al Facultatii de stiinte naturale,
Bucuresti, si Laboratorul de metabolism "E.S. London", Universitatea
de Stat din Leningrad.

DUMITRU, I.F.

Biochemistry of the brain. Pts. 2-3. Studii cerc biochimie
5 no.4:561-585 '62.

1. Catedra de biochimie, Facultatea de stiinte naturale a
Universitatii din Bucuresti.

DUMITRU, I.F.

Speed of restoration of fatty acids in different phospholipidic fractions in the brain. Studii cerc biochimie 6 no.3:421-424 '63.

1. Catedra de biochimie, Facultatea de stiinte naturale, Universitatea din Bucuresti.



DUMITRO, I.F.

Intensity of the metabolism of separate phospholipide fractions
in the brain. Vest. LGU 17 no.21:94-105 '62. (MIRA 15:12)
(PHOSPHORUS IN THE BODY) (BRAIN)

DUMITRU, I. P. (Bucuresti)

Laboratory synthesis of chlorophyll and its practical and
theoretical importance. *Natura Biologie* 16 no. 1:3-9 Ja-F '64.

RUMANIA

DUMITRU, I. F., Bucharest [Affiliation not given]

"Biosynthesis of Nucleic Acids"

Bucharest, Natura, Seria Biologie, Vol. 18, No. 3, May-June 66, pp. 12-20

Abstract: The two types of nucleic acids in the cell differ with respect to chemical composition, structure, physical and chemical properties, molecular rate and biological role: ribonucleic acid (RNA) including about 4000-6000 nucleotides and having the molecular rate between 1.5 and 2 million and desoxiribonucleic acid (DNA) formed from 10,000 to 25,000 nucleotides and a molecular rate exceeding 4 to 8 millions. The biosynthesis of DNA in vivo was studied by the ultracentrifuge method and by means of radioactive nitrogen and hydrogen isotopes N^{14} and N^{15} and CH). The amount of DNA which contains 50% of N^{15} and 50% N^{14} remains constant while the number of molecules which contain only N^{14} continues to increase, indicating the existence of a limit in the production of the molecular structure of DNA. Study of the structure of the biosynthesis of nucleic acids is still in its beginning and no definite conclusions can be drawn from the available experimental data.

1/1

ISPAS, M.; DUMITHU, L.; SECAL, E.

Some aspects of the use of methane gas in the reduction
process. Studii cerc metalurgie 8 no.2:179-190 '63

HATARASCU, Ovidiu; ATANASIU, Gheorghe; PIETROSENEANU, Micara; DUMITRU, Lucia

Research on the direct reduction of iron ores in basculating
reactors with the aid of reducing gases obtained by conversion
of methane with air. Metalurgia ~~Hum~~ 15 no.4:298-305 Ap '63.

DEMA, I.; DUMITRU, M.; GIRD, E.; GAINAR, E.; RUSI, A.; SPIRIDON, St.;
SABAU, G.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the utilization of organic solvents as eluting
agents in cation exchange. II. On the possibilities of a selective
elution of lanthanides. Studii cerc fiz 11 no.2:397-405 '60.

(EEAI 10:1)

(Solvents) (Elution) (Rare-earth metals)
(Base-exchanging compounds) (Organic compounds)

LETU, N., ing.; POBORAN, V., ing.; HIRIAN, C., ing.; FAUR, Alvira, ing.;
VASILESCU, M., ing. ; CONSTANTINESCU, Al.; DUMITRU, M.; BELU, A., fizician

Study on the timbering, choice of the most advantageous section
and the profile shape of the preliminary workings of seam 3 and
of the top drifts of the thin seams in the Jiu Valley mines.
Pt. 2. Rev min 15 no.1:12-21 Ja '64.

1. Institute of Hydrotechnic Research, Bucharest (for Vasilescu,
Constantinescu, Dumitru, Belu).

ZOSIN, P. dr.; MARGINEANU, N. dr.; SCHWARTZKOPF, A., dr.; SAPTA, M. dr.;
DUMITRU, M., dr.

Syndrome of malignant hypertension due to the Goldblatt
mechanism. Med. intern. 16 no. 3:333-337 Mar '64.

1. Lucrare efectuata in Clinica I medicala, I.M. Timisoara.

*

DUMITRU, M. I., Cand Tech Sci -- (diss) "Study of the working organ of
loading machines with grasping clutches." Len, 1958. 20 pp (Min of
Higher Education, Len Order of Lenin and Labor Red Banner Mining Inst
in G. V. Plekhanov), 100 copies (XL, 17-58, 108)

-36-

DUMITRU, M.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the study of the isotopic exchange in ion-exchanging
resins. Studii cerc fiz 11 no.2:383-396 '60. (KRAI 10:1)

(Isotopes) (Ion exchange)

(Gums and resins, Synthetic)

L 36918-66 EWP(k)/EWP(h)/EWP(v)/EWP(l)

ACC NR: AP6027837

SOURCE CODE: RU/0018/66/000/002/0084/0087

AUTHOR: Dumitriu, Nicolae

ORG: none

TITLE: Use of vibrating devices in various technological processes with a view to the improvement of working conditions

SOURCE: Constructia de masini, no. 2, 1966, 84-87

TOPIC TAGS: machine industry, automation

ABSTRACT: The author reviews the use of vibrating devices to improve the efficiency of various types of equipment, in particular to automate the input of pulverized or granulated raw materials. Both the design and the operation of the devices is considered. Orig. art. has: 8 figures. [Based on author's Eng. abst.] [JPRS: 36,559]

SUB CODE: 05, 13 / SUBM DATE: none

Card 1/1 *MT*

UDC: 621.643

DUMITRU, P.

"Political economy, diagrams and graphics." Pt 1.
Reviewed by P. Dumitru. Probleme econ 16 no. 5:
123-125 My '63.